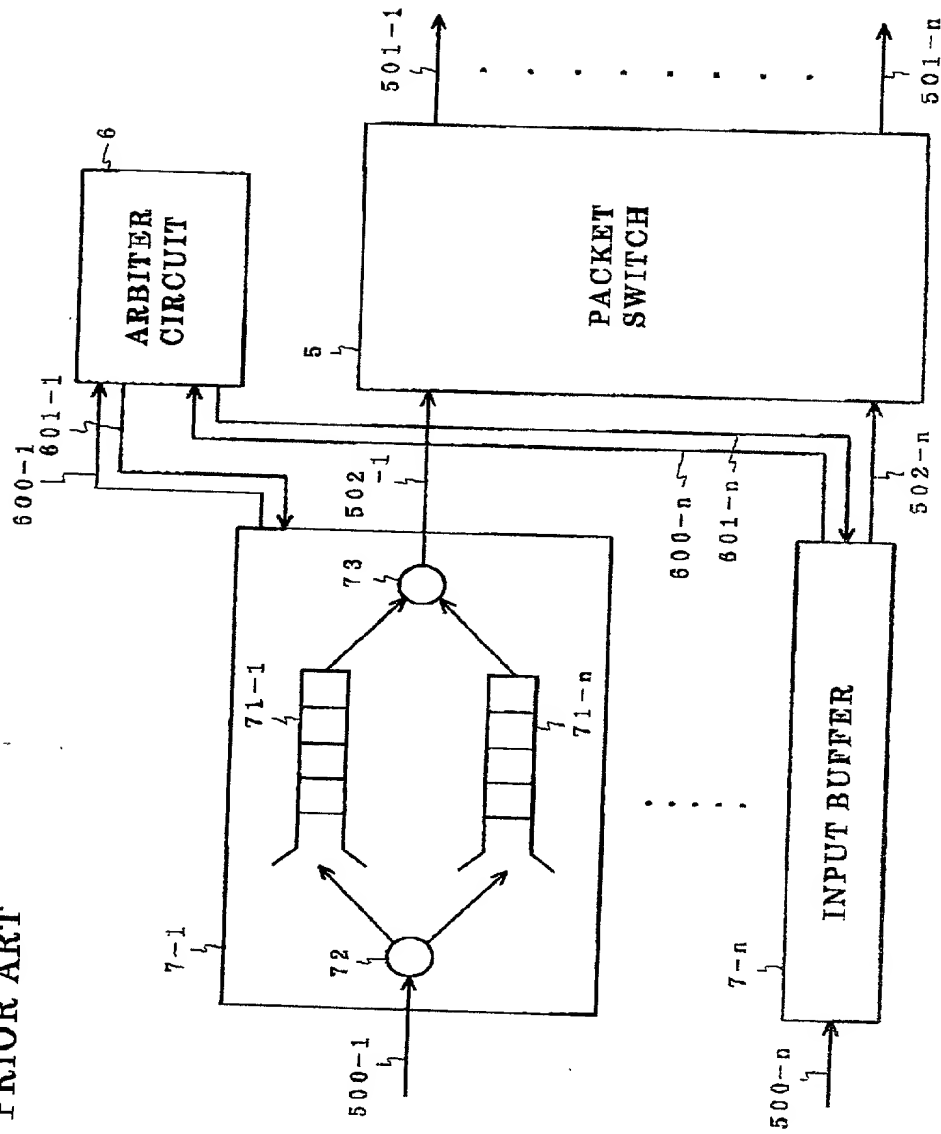


FIG. 1  
PRIOR ART



**FIG. 2**  
**PRIOR ART**

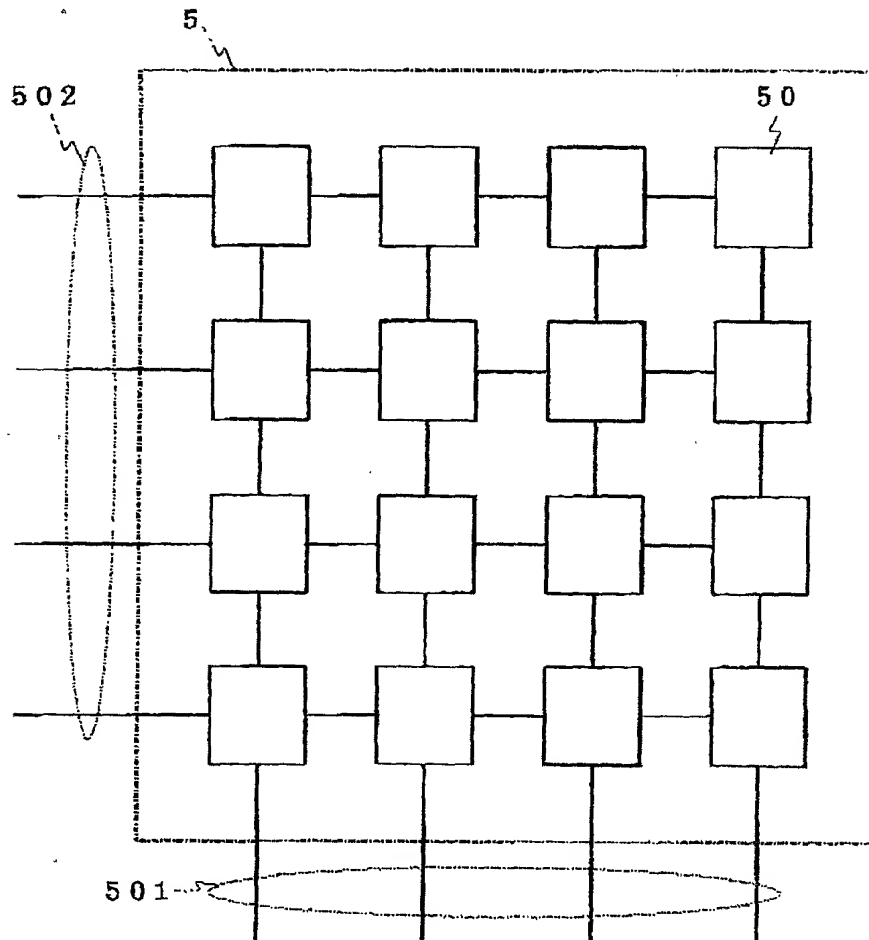


FIG. 3  
PRIOR ART

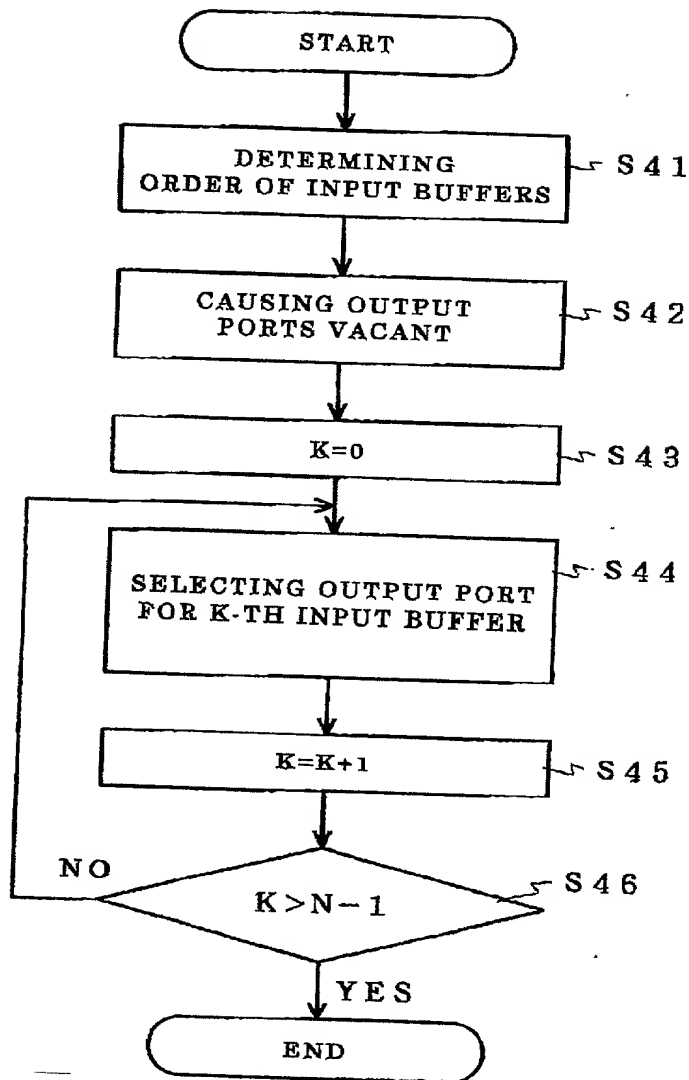


FIG. 4  
PRIOR ART

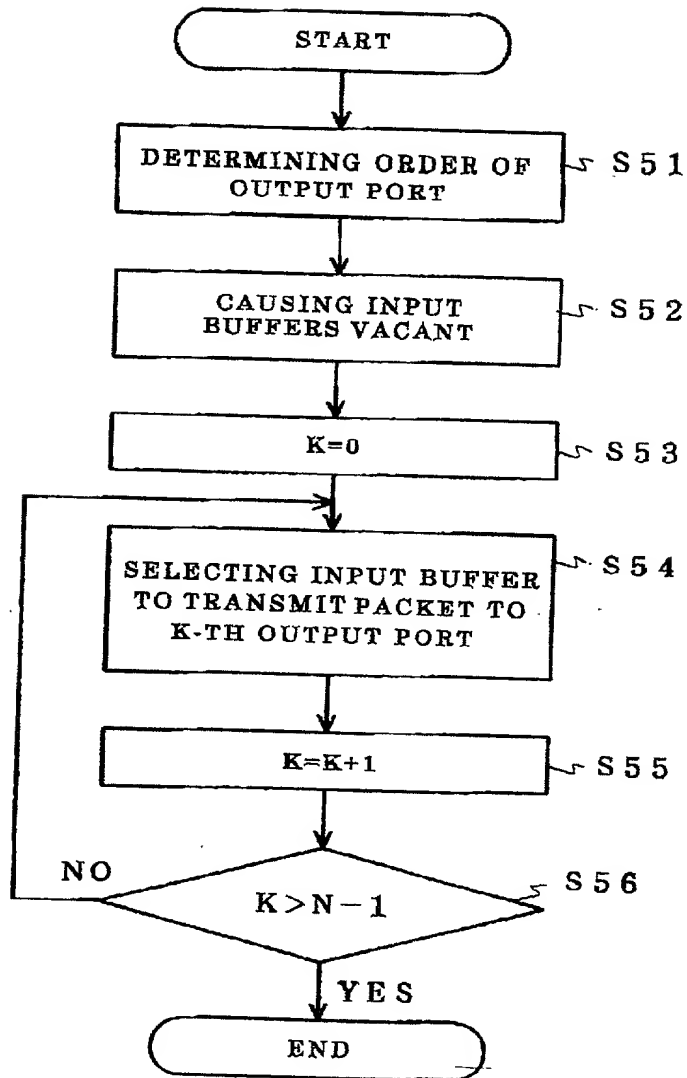


FIG. 5  
PRIOR ART

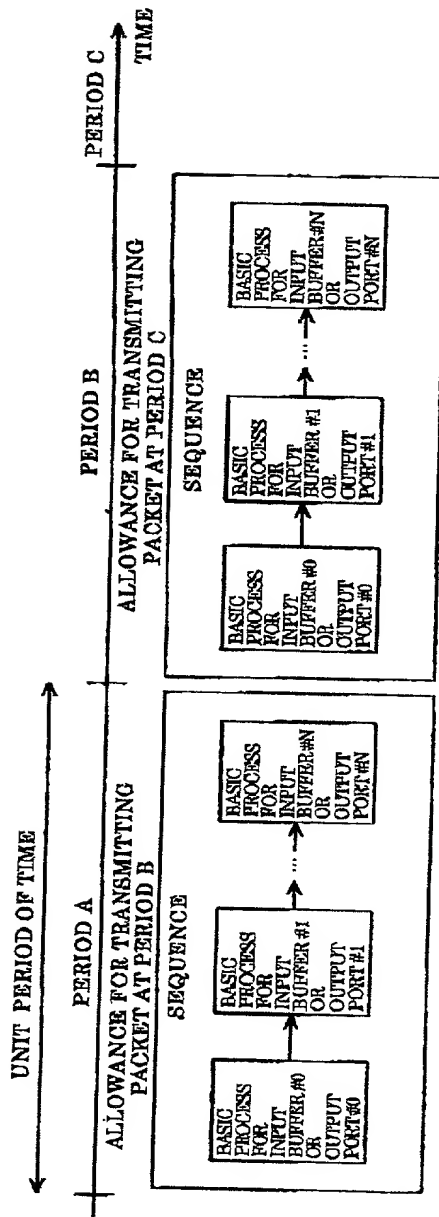
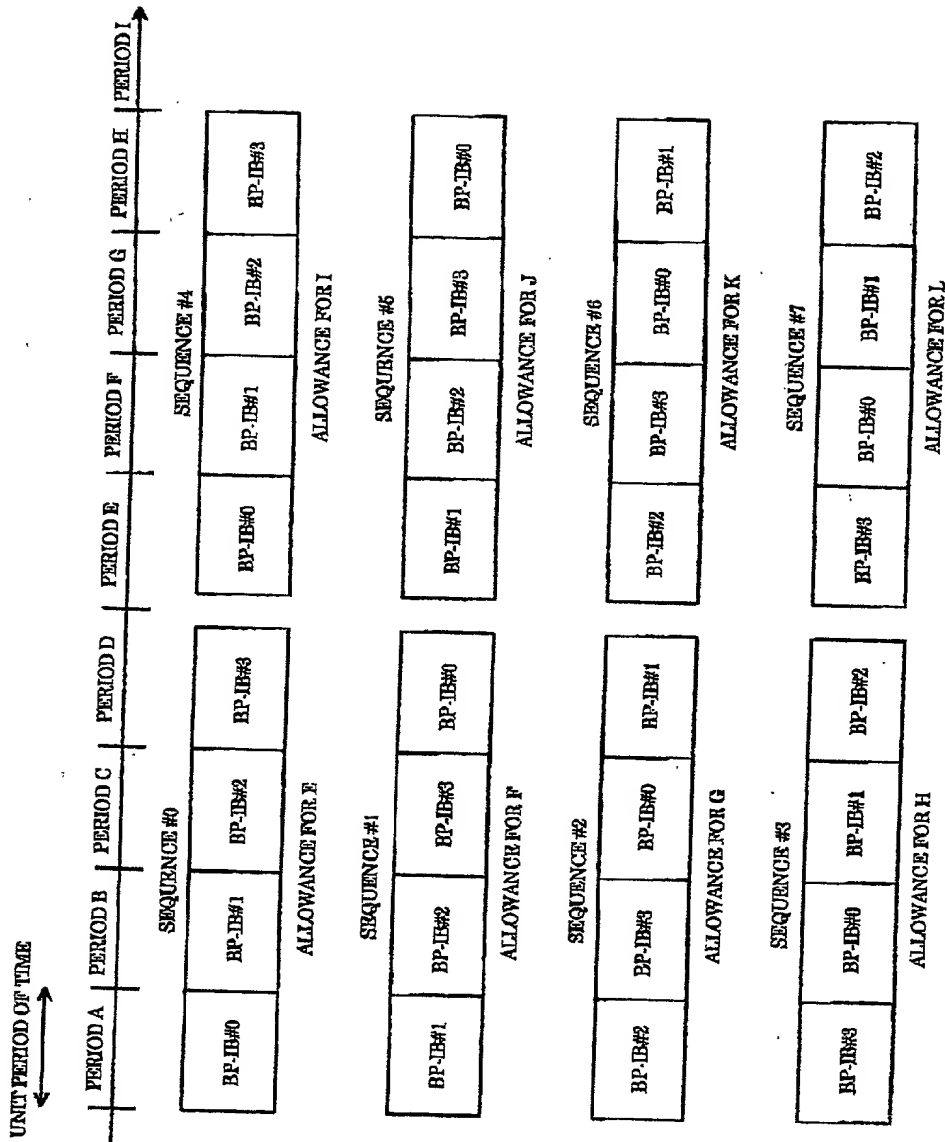


FIG. 6

FIG. 6



"BP-IB#N" INDICATES "BASIC PROCESS FOR INPUT BUFFER #N"  
"ALLOWANCE FOR X" INDICATES "ALLOWANCE FOR TRANSMITTING PACKET IN PERIOD X"

FIG. 7

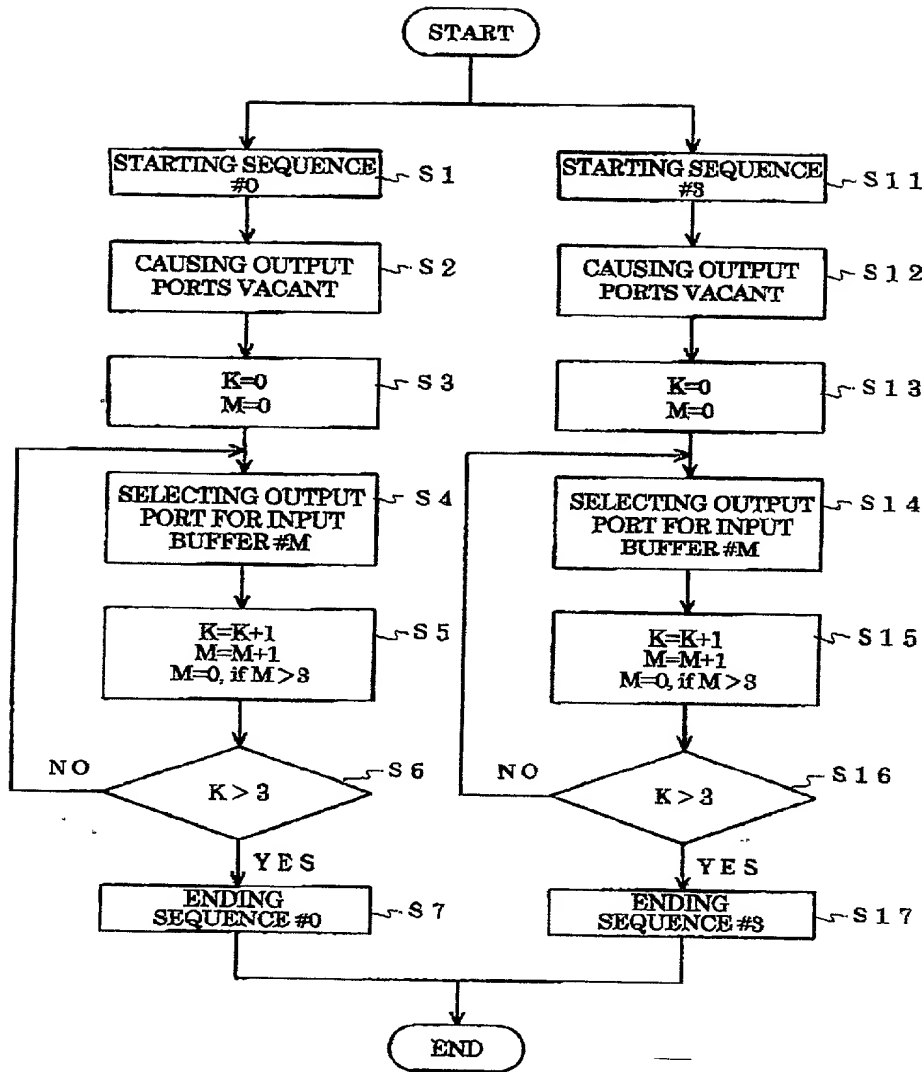
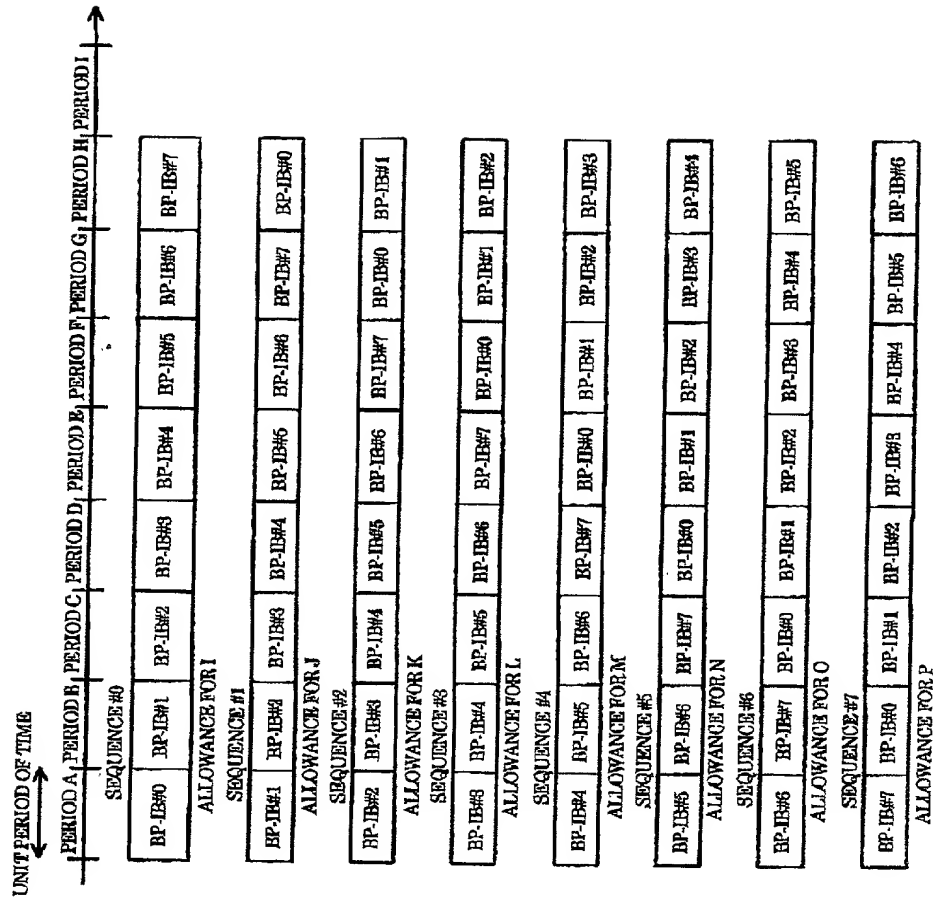


FIG. 8



"BP-IB#N" INDICATES "BASIC PROCESS FOR INPUT BUFFER #N"  
"ALLOWANCE FOR X" INDICATES "ALLOWANCE FOR TRANSMITTING PACKET IN PERIOD X"



FIG. 9

FIG. 9

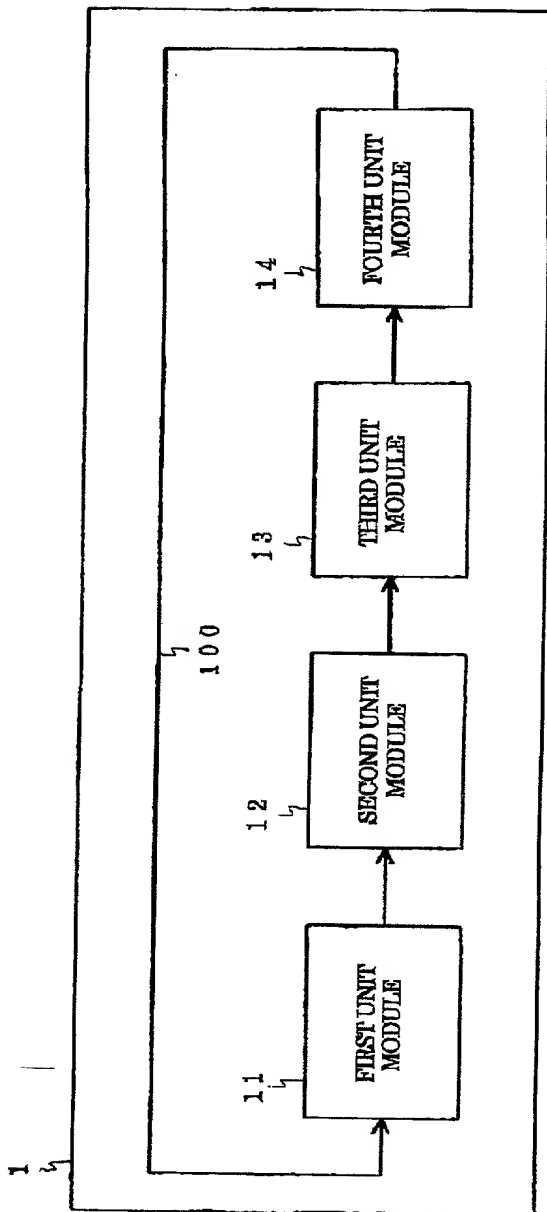
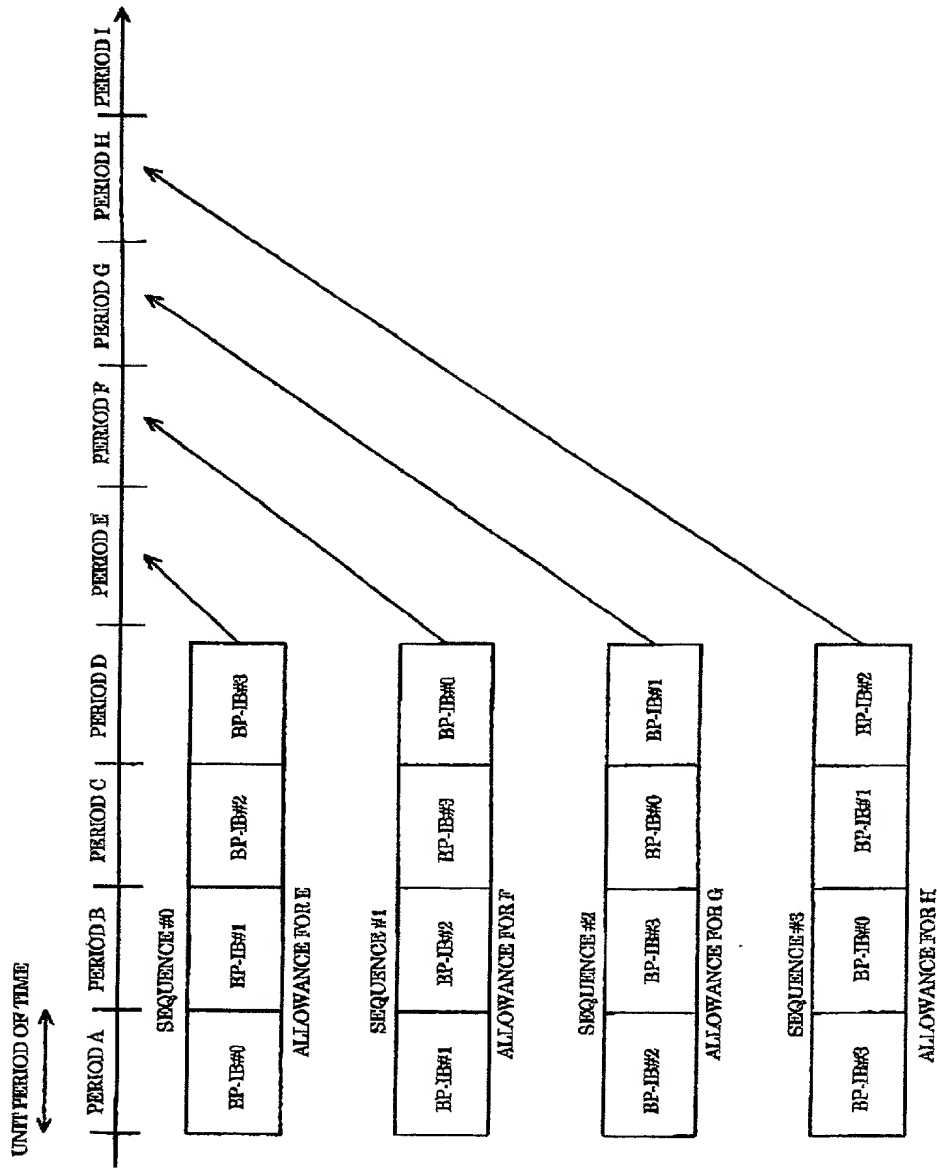


FIG. 10



"BP-IB#N" INDICATES "BASIC PROCESS FOR INPUT BUFFER #N"  
"ALLOWANCE FOR X" INDICATES "ALLOWANCE FOR TRANSMITTING PACKET IN PERIOD X"

FIG. 11

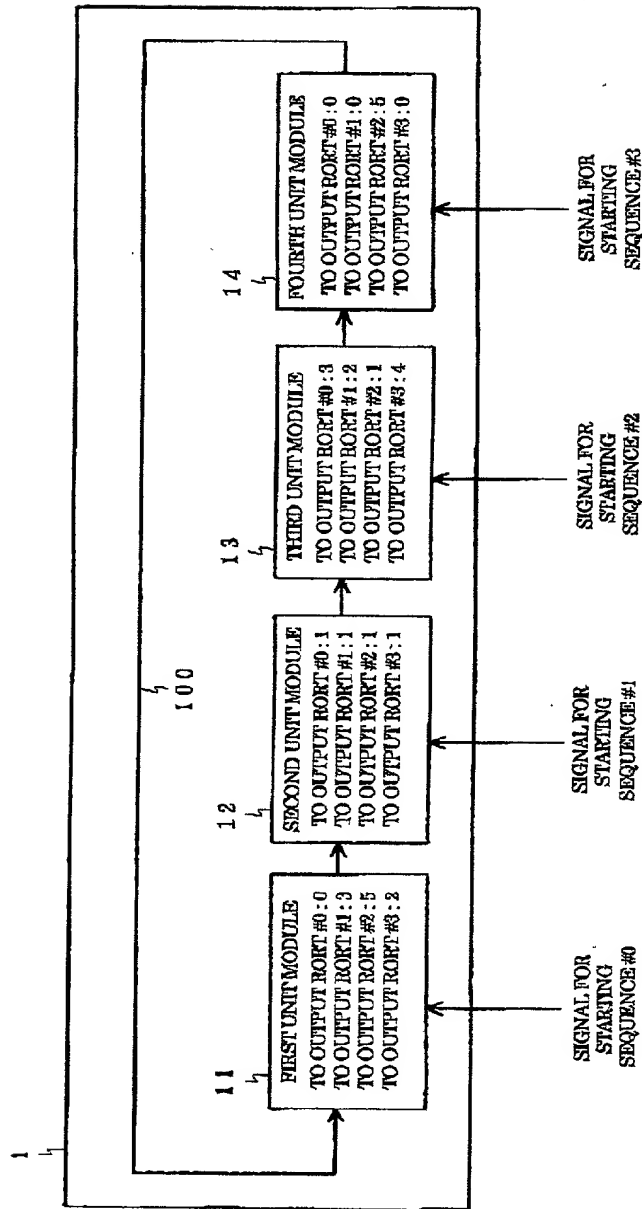


FIG. 12

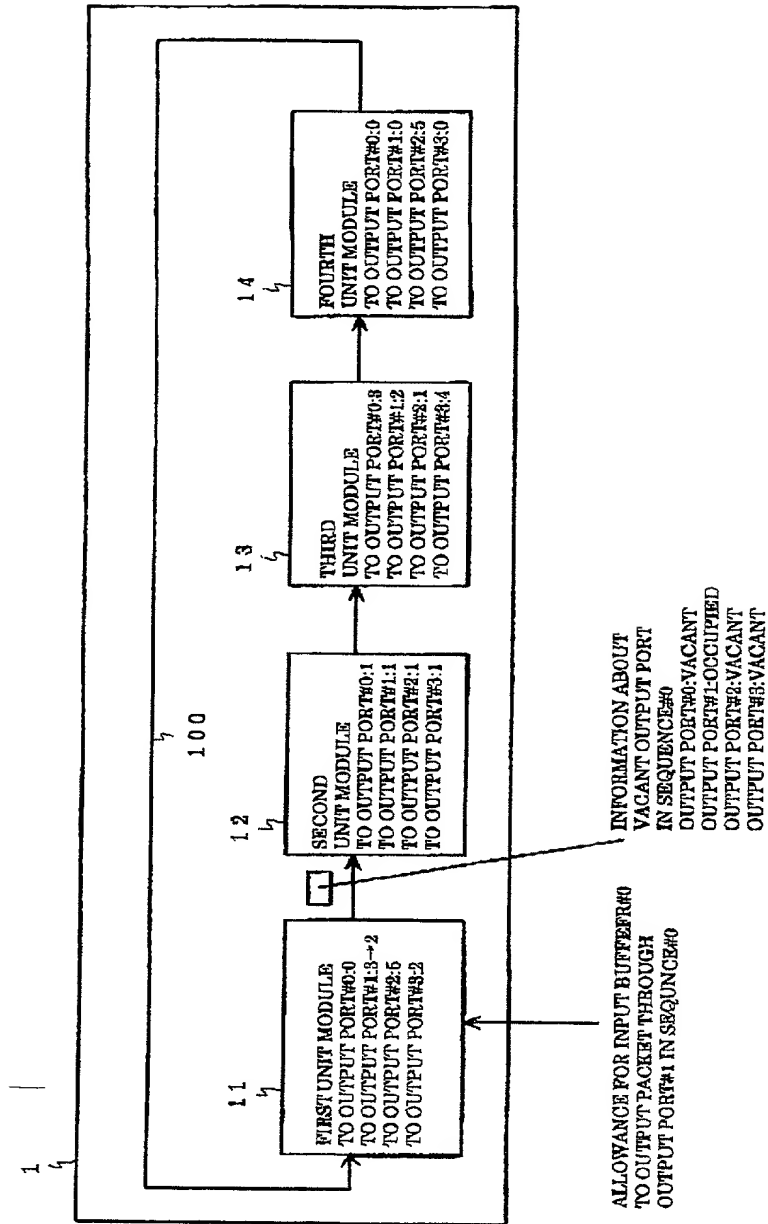


FIG.13

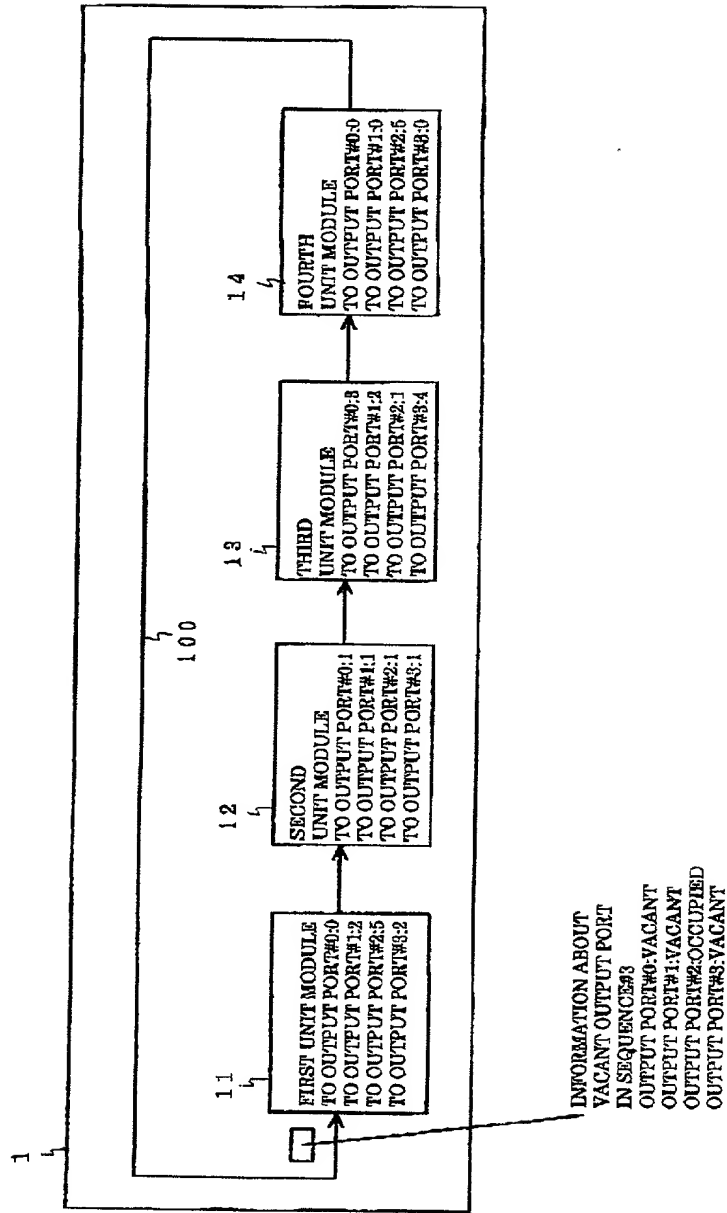


FIG.14

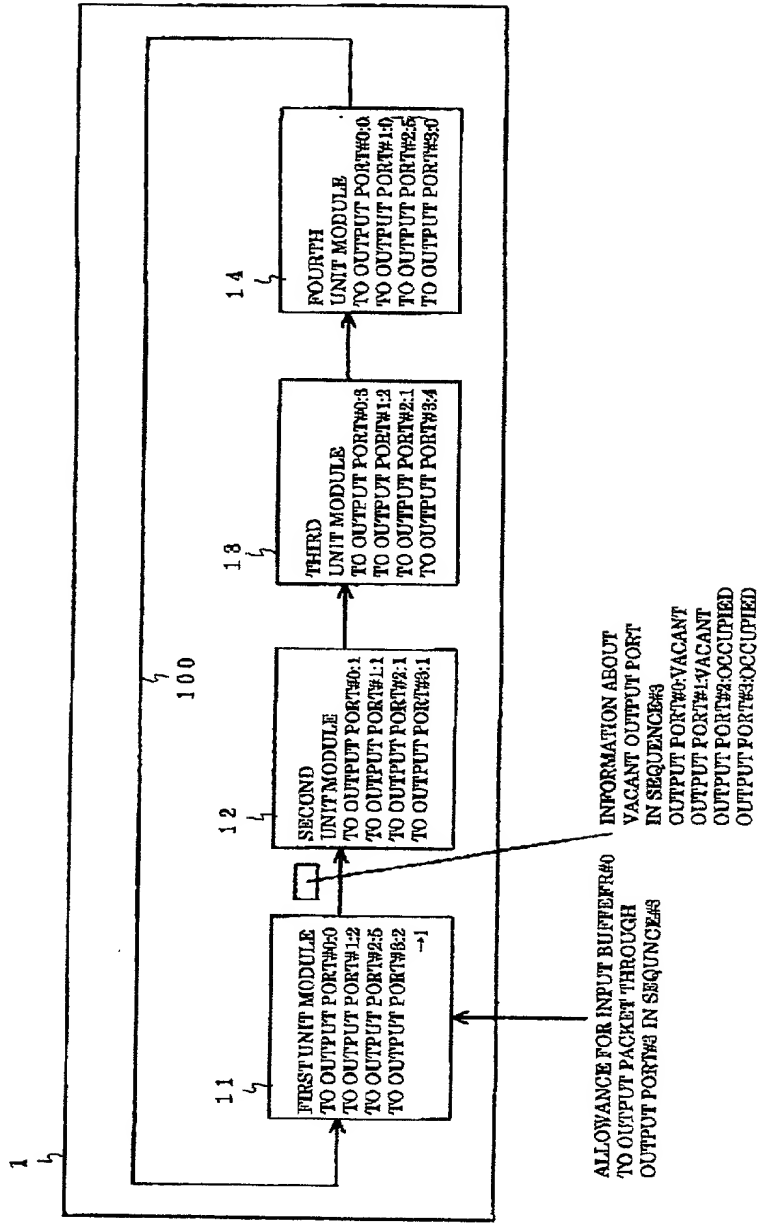
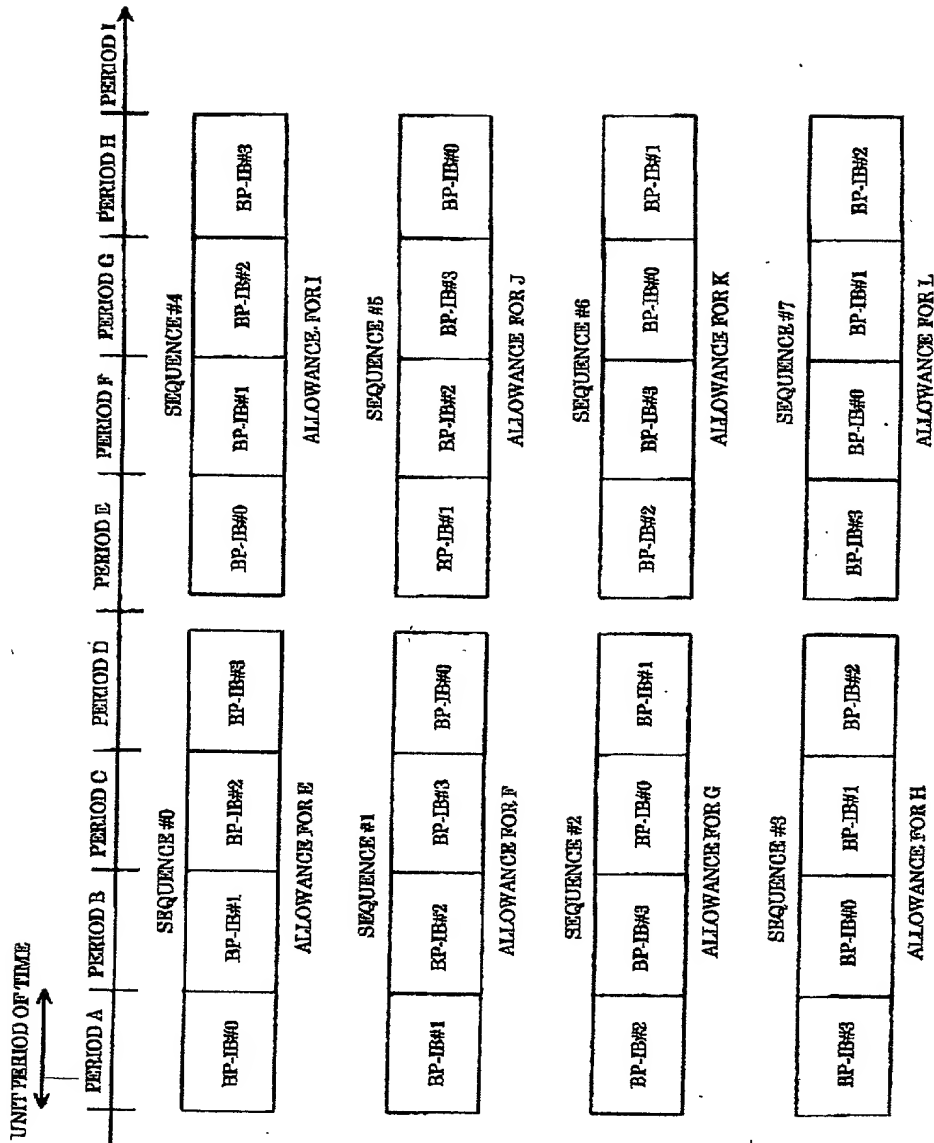


FIG. 15



"BP-IB#N" INDICATES "BASIC PROCESS FOR INPUT BUFFER #N"  
"ALLOWANCE FOR X" INDICATES "ALLOWANCE FOR TRANSMITTING PACKET IN PERIOD X"

FIG. 16

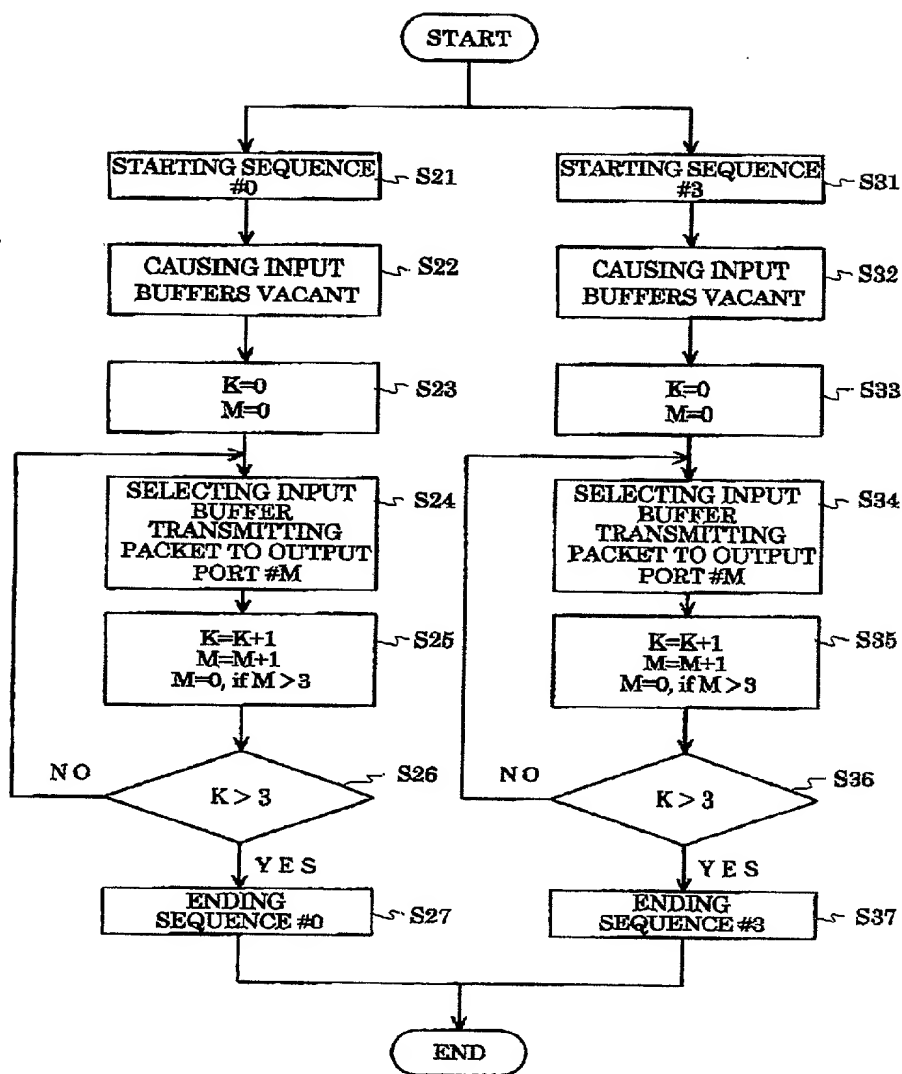




FIG.17

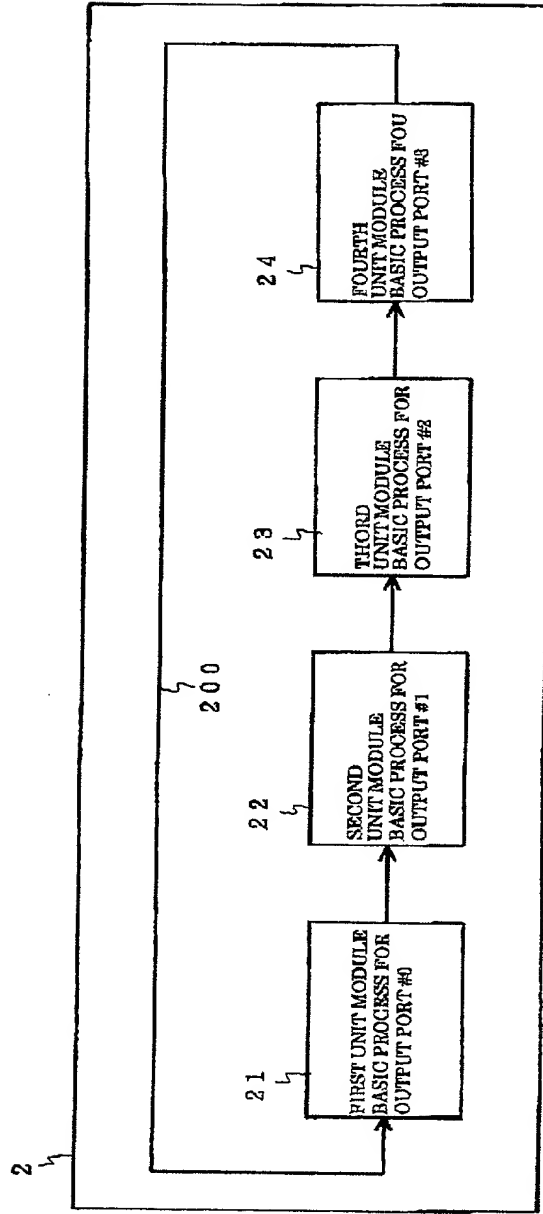
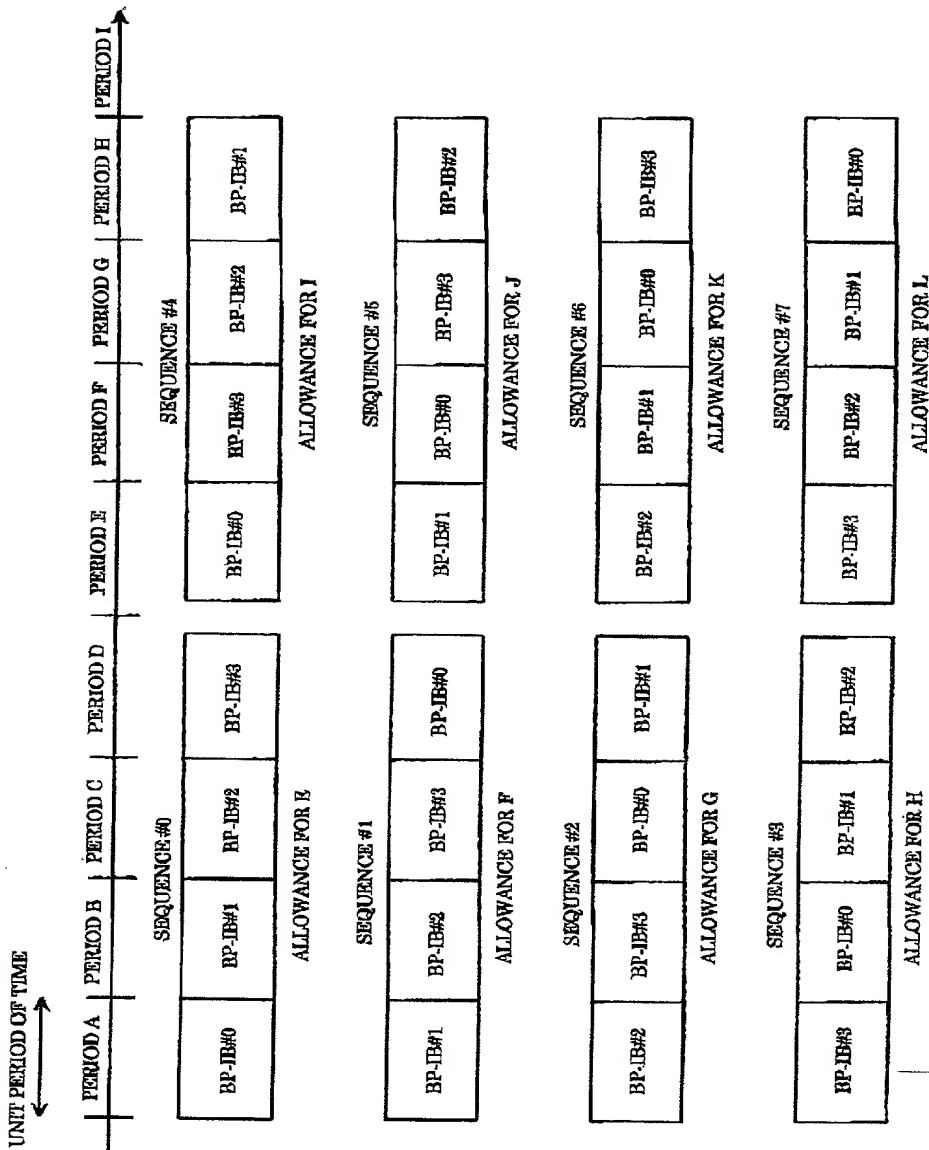


FIG. 18



"BP-IB#N" INDICATES "BASIC PROCESS FOR INPUT BUFFER #N"  
"ALLOWANCE FOR X" INDICATES "ALLOWANCE FOR TRANSMITTING PACKET IN PERIOD X"

FIG.19

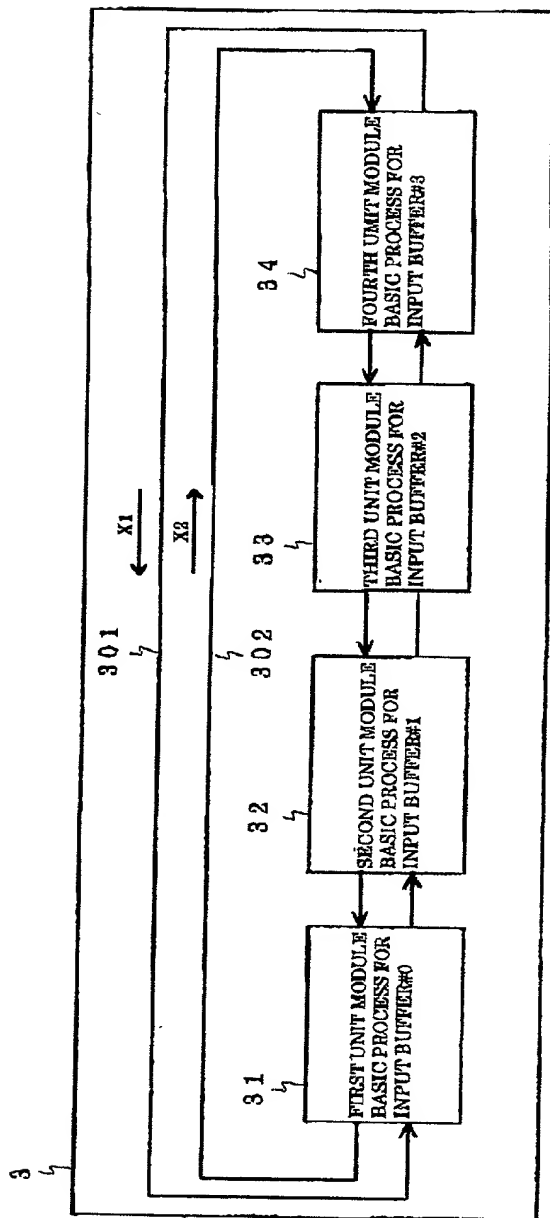
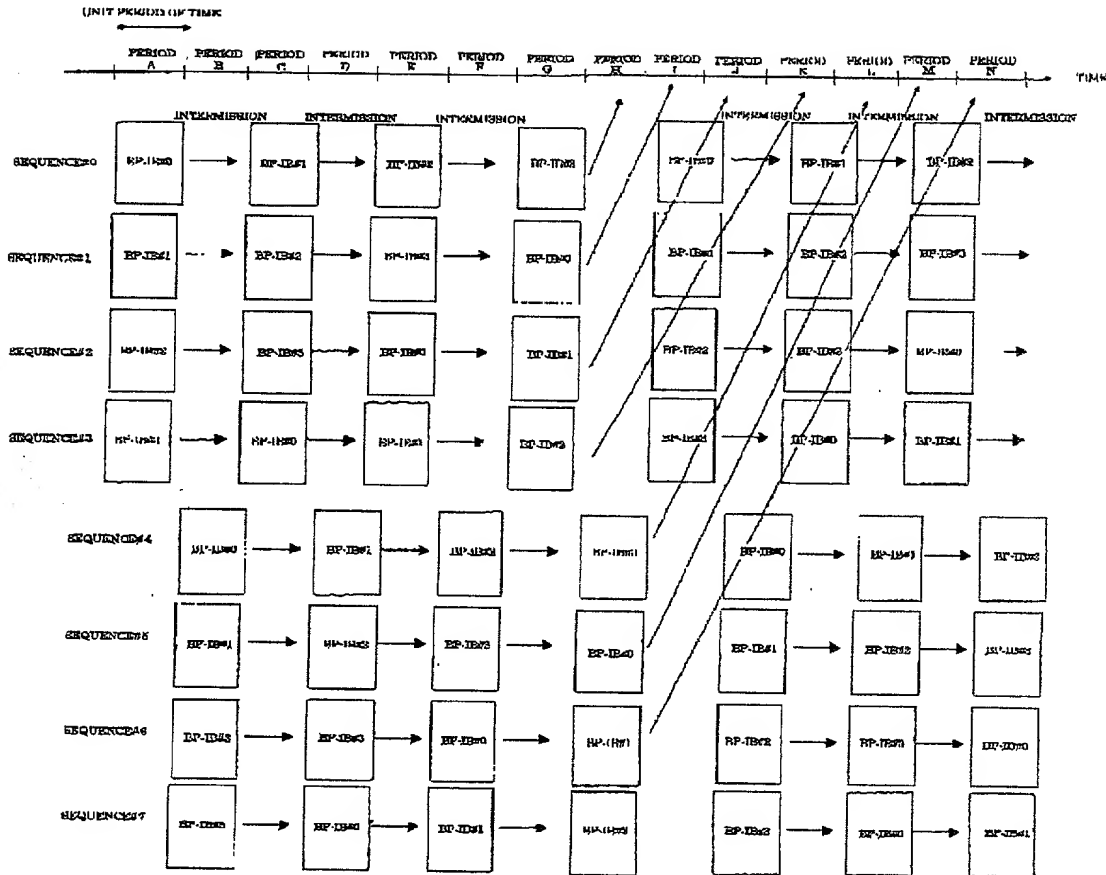
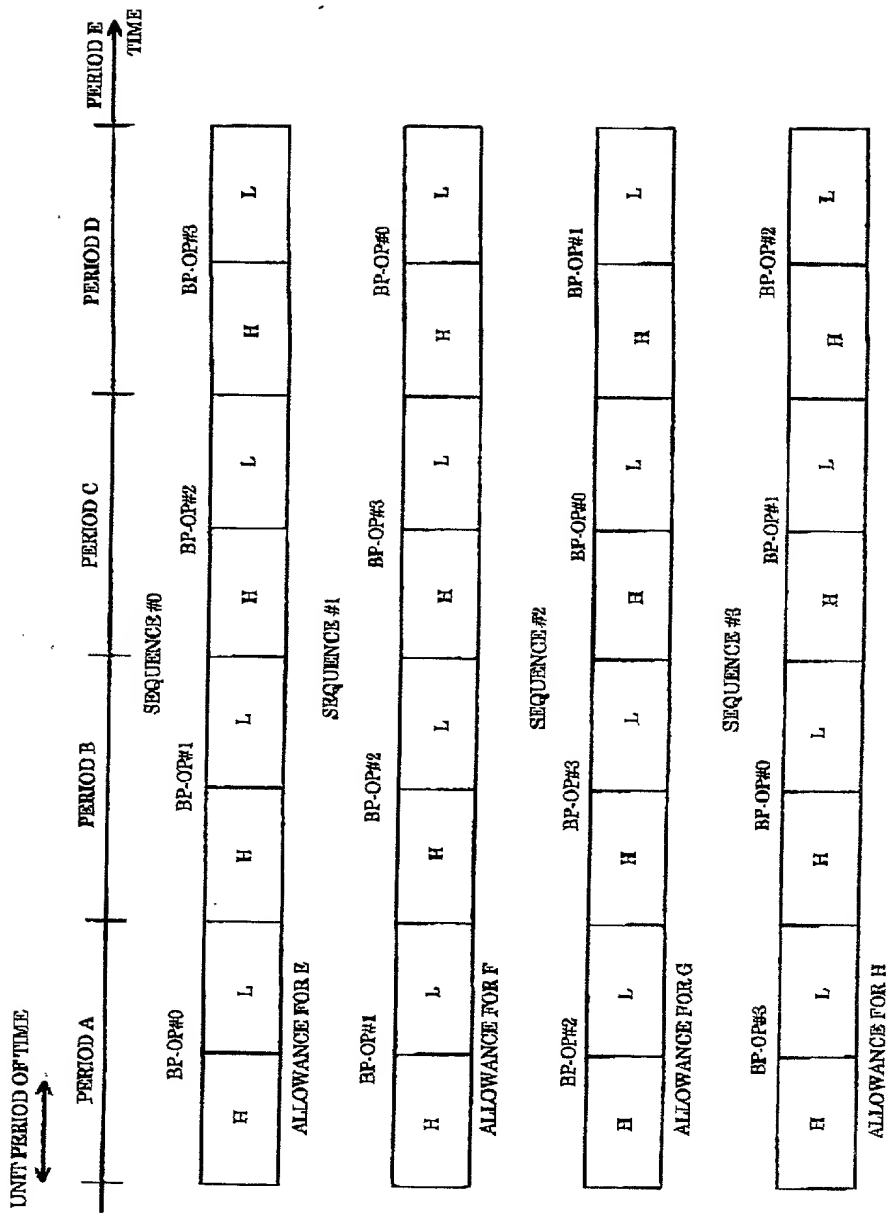


FIG. 20



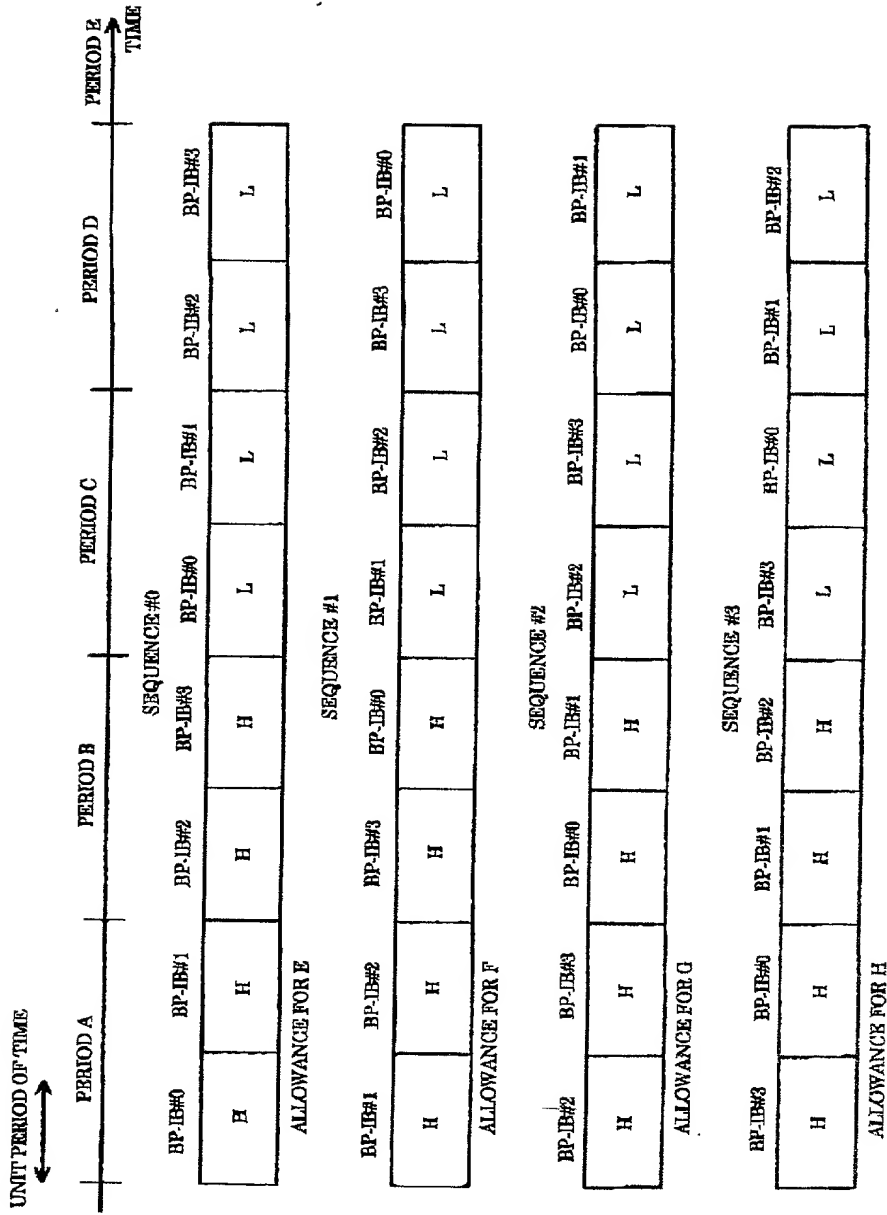
"BP-IB#N" INDICATES "BASIC PROCESS FOR INPUT BUFFER #N"

FIG.21



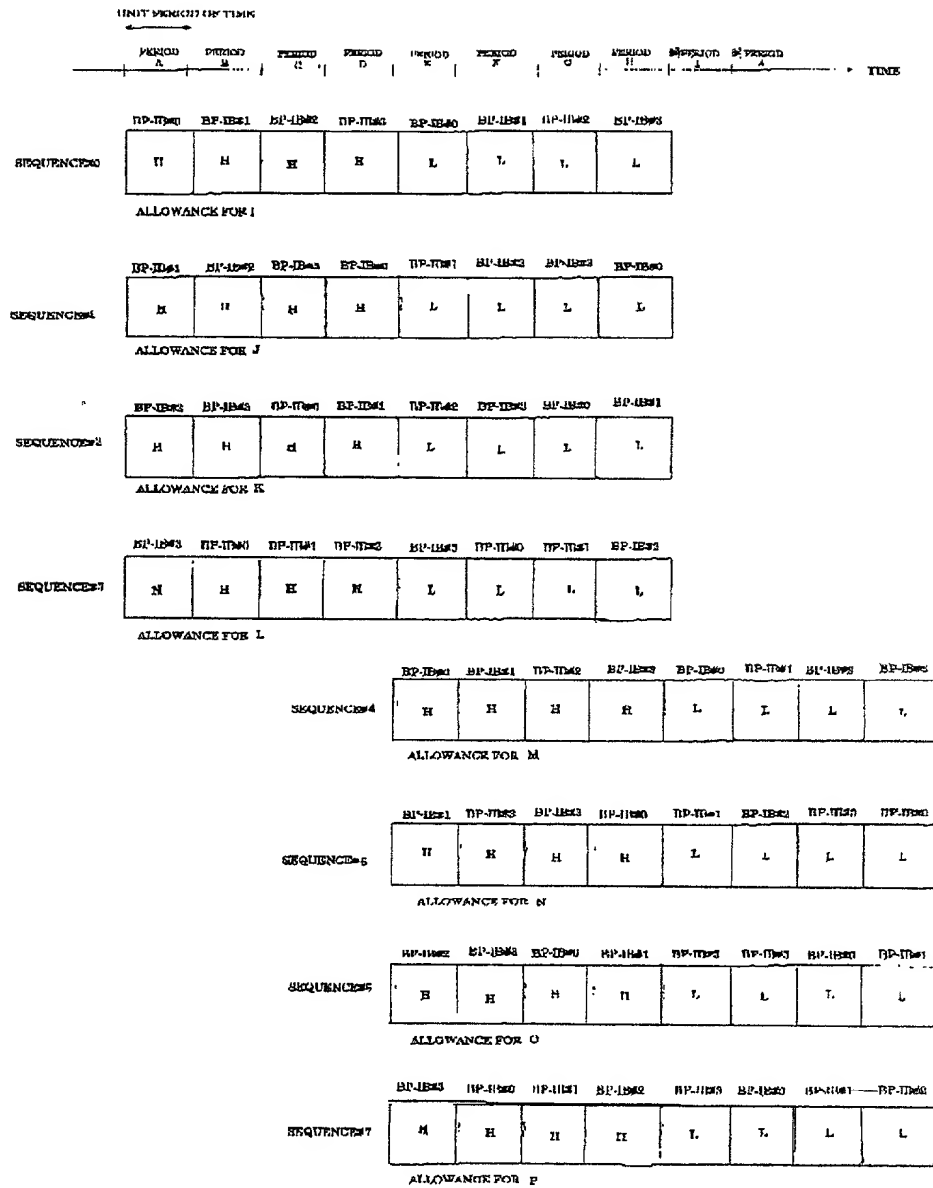
"BP-OP#N" INDICATES "BASIC PROCESS FOR OUTPUT PORT #N"  
"ALLOWANCE FOR X" INDICATES "ALLOWANCE FOR TRANSMITTING PACKET IN PERIOD X"  
"H" INDICATES "BASIC PROCESS FOR SELECTING INPUT BUFFER AMONG INPUT BUFFERS ACCUMULATING FIRST CELLS"  
"L" INDICATES "BASIC PROCESS FOR SELECTING INPUT BUFFER AMONG INPUT BUFFERS ACCUMULATING SECOND CELLS"

FIG.22



"BP-IB#N" INDICATES "BASIC PROCESS FOR INPUT BUFFER #N"  
"ALLOWANCE FOR X" INDICATES "ALLOWANCE FOR TRANSMITTING PACKET IN PERIOD X"  
"H" INDICATES "BASIC PROCESS FOR PACKETS HAVING HIGHER PRIORITY"  
"L" INDICATES "BASIC PROCESS FOR PACKETS HAVING LOWER PRIORITY"

FIG.23



"BP-IB#N" INDICATES "BASIC PROCESS FOR INPUT BUFFER #N"

"ALLOWANCE FOR X" INDICATES "ALLOWANCE FOR TRANSMITTING PACKET IN PERIOD X"

"H" INDICATES "BASIC PROCESS FOR PACKETS HAVING HIGHER PRIORITY"

"L" INDICATES "BASIC PROCESS FOR PACKETS HAVING LOWER PRIORITY"

FIG.24

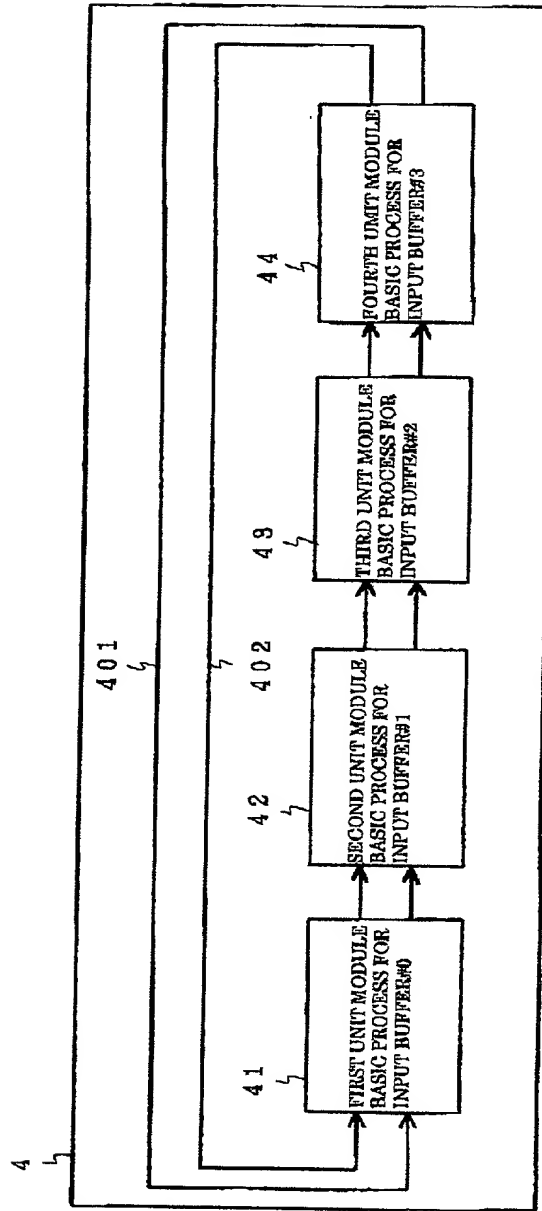




FIG. 25

